PTO/SB/21 (09-06) Approved for use through 03/31/2007. OMB 0651-0031

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Application Number August 29, 2006 Filing Date TRANSMITTAL First Named Inventor Rao et al. **FORM** 1615 Art Unit **Examiner Name** (to be used for all correspondence after initial filing) Attorney Docket Number AM-101457-1USA Total Number of Pages in This Submission (Check all that apply) **ENCLOSURES** After Allowance Communication to TC Drawing(s) Appeal Communication to Board Fee Transmittal Form of Appeals and Interferences Licensing-related Papers Appeal Communication to TC Fee Attached (Appeal Notice, Brief, Reply Brief) Petition Amendment/Reply Proprietary Information Petition to Convert to a **Provisional Application** After Final Power of Attorney, Revocation Status Letter Change of Correspondence Address Other Enclosure(s) (please Identify Affidavits/declaration(s) below): Terminal Disclaimer Extension of Time Request Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Remarks Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Howson & Howson LLP Signature Printed name Cathy A. Kodroff Reg. No. 33,980 March 21, 2007 Date

CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with thereby certify that this correspondence is being receimine transmitted to the COF TO of deposited with the Online Grates Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on sufficient postage as first class mail in an envelope addressed to: the date shown below: Signature

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to Typed or printed name Inis collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the gathering, preparing upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments on the gathering upon the individual case. Any comments of the gathering upon the gathering upon the individual case. Any comments of the gathering upon the ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No.

: 10/574,210

Confirmation No.: 5687

Applicant

: Venkata Ramana Rao et al.

Filed

: August 29, 2006

TC/A.U.

: 1615

Examiner

Customer No.: 38199

Title

: PANTOPRAZOLE MULTIPARTICULATE FORMULATIONS

Commissioner for Patents Mail Stop Amendment PO. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit to the Examiner the attached Form PTO/SB/08A document
listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08A is
attached and copies of the documents are enclosed herewith. This Information
Disclosure Statement is submitted three months after the filing date of this application,
but before the receipt of a first Office Action on the merits. Therefore, no fees are
believed to be due.

The Examiner is respectfully requested to consider the documents identified in this paper and in the attached Form PTO/SB/08A during the course of examination of this application.

Express Mail: EO 931 913 912 US

DE3531487 (item 21) is in German and corresponds to GB2163747A (item 20).

DE4219390 (item 21) is in German and provides oral pantaprazole.

EP166287A1 (item 24) is in German and corresponds to U.S. Patent No. 4,758,579 (item 3).

EP519365A1 (item 48) is in German and corresponds to U.S. Patent No. 5,997,903 (item 12).

WO 92/22284 (item 52) is in German and provides oral administration forms of pantaprazole consisting of a core, an intermediate layer and a gastric juice resistant outer layer.

WO 96/023500 (item 68) is in Spanish. This describes benzimidazole formulations having a nucleus onto which is the active is applied.

WO 99/06027 (item 73) is in German and describes pellet-type pharmacuticals for oral administration containing aminosalicylic acid in its core and an enteric coating.

WO 98/000115 (item 81) is in German and provides a composition for oral administration having a core which may contain a praton pump inhibitor such as omeprazole, an intermediate layer, and an external layer.

Serial Number 10/574,210 March 21, 2007

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Respectfully submitted,

HOWSON & HOWSON LLP Attorneys for Applicant

 $\mathbf{R}\mathbf{v}$

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 7

Complete if Known Application Number 10/574,210 Filing Date August 29, 2006 First Named Inventor Venkata Ramana Rao et al. Art Unit 1615 **Examiner Name** Attorney Docket Number AM-101457-1USA

			U. S. PATENI	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	^{US-} 4,255,431	3-10-1981	Junggren, et al.	
	2	^{US-} 4.686,230	8-11-1987	Rainer, et al.	
	3	^{US-} 4,758,579	7-19-1988	Kohl, et al.	
	4	^{US-} 4,853,230	8-1-1989	Lovgren, et al.	
	5	^{US-} 5,178,867	1-12-1993	Guittard, et al.	
	6	^{US-} 5,225,202	7-6-1993	Hodges, et al.	
	7	^{US-} 5,260,069	11-9-1993	Chen	
	8	^{US-} 5,273,758	12-28-1993	Royce	
	9	^{US-} 5,780,057	7-14-1998	Conte, et al.	
	10	^{US-} 5,811,426	9-22-1998	Heeres, et al.	
	11	^{US-} 5,888,535	5-30-1999	Gray	
	12	^{US-} 5,997,903	12-7-1999	Dietrich, et al.	
	13	^{US-} 6,077,541	6-20-2000	Chen, et al.	
	14	^{US-} 6,093,734	7-25-2000	Garst, et al.	
	15	^{US-} 6,096,340	8-1-2000	Chen, et al.	
	16	us- 6,132,768	10-17-2000	Sachs, et al.	
	17	^{US-} 6,136,344	10-24-2000	Depui, et al.	
	18	^{US-} 6,248,363	6-19-2001	Patel, et al.	
	19	^{US-} 6,277,412	8-21-2001	Otterbeck	

		FOREI	GN PATENT DOCU	JMENTS		\neg
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	20	GB 2163347A	03-05-1986	Nippon Chemiphar Co, Ltd.		
	22	DE 42 19 390 A1	12-24-1992	Byk Gulden Lomberg		
	23	EP 0 005 129 A1	10-31-1979	Aktiebolaget Hassle Fack		
	24	EP 0 166 287 A1	1-02-1986	Byk Guiden Lomberg		
	25	EP 0 174 726 A1	03-19-1986	Takeda Chemical Ind, Ltd.		П

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Examiner		Date	
Signature			
Signature		Considered	i

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Col	mplete if Known
Application Number	10/574,210
Filing Date	August 29, 2006
First Named Inventor	Venkata Ramana Rao et al.
Art Unit	1615
Examiner Name	
Attorney Docket Number	AM-101457-1USA

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	26	US- 6,277,412	8-21-2001	Otterbeck	
	27	^{US-} 6,296,876	10-2-2001	Odidi, et al.	
	28	^{US-} 6,383,510	5-7-2002	Linder, et al.	
	29	^{US-} 6,489,346	12-3-2002	Phillips	
	30	^{US-} 6,531,152	3-11-2003	Lerner, et al	
	31	^{US-} 6,551,620	4-22-2003	Otterbeck	
	32	^{US-} 6,559,167	5-6-2003	Garst, et al.	
	33	^{US-} 6,569,453	5-27-2003	Linder, et al.	
	34	^{US-} 6,569,463	5-27-2003	Patel, et al.	
	35	^{US-} 6,607,742	8-19-2003	Linder, et al.	
	36	^{US-} 6,617,338	9-9-2003	Mali, et al.	
	37	^{US-} 6,623,759	9-23-2003	Hesse, et al.	
	38	^{US-} 6,645,988	11-11-2003	Phillips	
	39	^{US-} 6,699,885	3-2-2004	Phillips	
	40	us- 6,749,867	6-15-2004	Robinson, et al.	
	41	^{US-} 7,041,313	5-9-2006	Dietrich, et al.	
,	42	^{US-} 3,065,143	11-20-1962	Christenson, et al.	
	43	^{US-} 6,780,882	8-24-2004	Phillips	
	44	^{US-} 2006/0263426	11-23-2006	Dietrich, et al.	

		FORE	GN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	те
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			Of Relevant Figures Appear	Ŀ
	45	EP 0 244 380 A2	11-04-1987	Aktiebolaget Hassle		
	46	EP 0 268 956 B2	06-01-1988	Eisai Co., Ltd.		
	47	EP 0 434 999 A1	07-03-1991	Toa Eiyo, Ltd.		
	48	EP 0 519 365 A1	12-23-1992	Byk Gulden Lomberg		
	49	EP 0 526 862 B1	2-10-1993	Vectorpharma Int'l		
	50	WO 92/22284	12-23-1992	Byk Gulden Lomberg		

			
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Sheet 3

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number 10/574,210

Filing Date August 29, 2006

First Named Inventor Venkata Ramana Rao et al.

Art Unit 1615

Examiner Name

Attorney Docket Number AM-101457-1USA

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		Number-Kind Code ^{2 (ff known)}			Figures Appear
	51	^{US-} 2006/0189590	08-04-2006	Kohl, et al.	
	52	^{US-} 2006/0165797	07-27-2006	Plachetka	
	53	^{US-} 2006/0216346	9-28-2006	Dietrich, et al.	
	54	^{US-} 2006/0240100	10-26-2006	Anstett	
	55	^{US-} 2006/0235053	10-19-2006	Gebauer, et al.	
	56	^{US-} 2006/0257467	11-16-2006	Kostadinov, et al.	
	57	^{US-} 5,433,959	07-18-1995	Makino, et al.	
	58	^{US-} 6,953,808	10-11-2005	Gray	
	59	^{US-} 2005/0239844 A1	10-27-2005	Lee, et al.	
	60	^{US-} 2005/0220870 A1	10-06-2005	Hepburn, et al.	
	61	^{US-} 2005/0245578 A1	11-03-2005	Allegrini, et al.	
	62	^{US-} 2005/0266075 A1	12-01-2005	Chebli	
		US-			

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ĺ T [®]
	63	EP 0 793 959 A1	09-10-1997	Takeda Chemical Ind, Ltd.		
	64	EP 0 124 495 A2	11-07-1984	Aktiebolaget Hassle		
	65	EP 0 249 587 B1	12-16-1987	Aktiebolaget Hassle		
	66	EP 0 514 008 B1	11-19-1992	Takeda Chemical Ind, Ltd.		
	67	WO 94/002140 A1	2-3-1994	Yoshito-MI Pharmaceutical		
	68	WO 96/023500 A1	08-08-1996	Esteve Quimica, S.A.		

			
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Sheet 4

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/574,210				
Filing Date	August 29, 2006				
First Named Inventor	Venkata Ramana Rao et al.				
Art Unit	1615				
Examiner Name					
Attorney Docket Number	AM-101457-111SA				

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		Country Code ³ Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY	, .	Or Relevant Figures Appear	T
	69	WO 96/001623 A1	01-25-1996	Astra Aktiebolag		
	70	WO 97/002021 A1	01-23-1997	Byk Gulden Lomberg		
	71	WO 97/047285 A1	12-18-1997	Depomed, Inc.		
	72	WO 97/048380 A1	12-24-1997	Astra Aktiebolag		
	73	WO 99/006027 A1	02-11-1999	Falk Pharma GMBH		
	74	WO 99/018938 A1	04-22-1999	Perio Products, Ltd.		

Examiner Signature		٤	Date Considered	

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August 29, 2006

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Attorney Docket Number AM-101457-1USA

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Application Number

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Sheet 5

INFORMATION DISCLOSURE STATE

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MENT BY APPLICANT	Art Unit	1615
as many sheets as necessary)	Examiner Name	

Filing Date

U. S. PATENT DOCUMENTS Cite No.1 Examiner Document Number **Publication Date** Name of Patentee or Pages, Columns, Lines, Where Initials* MM-DD-YYYY Applicant of Cited Document Relevant Passages or Relevant Number-Kind Code^{2 (ff known)} Figures Appear IIS-US-US-US-US-US-US-US-HS-US-IIS-US-US-US-US-US-US-US-US-

		FOREIG	N PATENT DOCL	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	l ⊾
	75	EP 1 043 976 B1	12-14-2005	AstraZeneca AB		
	76	AU 2005204242 A2	09-29-2005	Santarus, Inc.		
	77	WO 96/024338 A1	8-15-1996	Astra Aktiebolag		
	78	WO 97/002020	1-23-1997	Byk Gulden Lomberg		
	79	WO 97/012580	4-10-1997	Pharma Pass LLC		
- ·	80	WO 97/025979	7-24-1997	Perio Products Ltd.		

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Complete il Known				
Application Number	10/574,210			
Filing Date	August 29, 2006			
First Named Inventor	Venkata Ramana Rao et al.			
Art Unit	1615			
Examiner Name				
Attorney Docket Number	AM-101457-1USA			

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		FOREI	GN PATENT DOCU	JMENTS		
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•	81	WO 98/000115	1-8-1998	Klinge Pharma GMBH		
	82	WO 94/027988	12-8-1994	Astra Aktiebolag		
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	Complete if Known					
Application Number	10/574,210					
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Art Unit	1615					
Examiner Name						
Attorney Docket Number	AM-101457-1USA					

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		(Churchill Livingstone) P. 364, 365, 374.	

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